09-08-04

PTO/SB/21 (04-04)

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TRANSMITTAL		Application Number 10/780,453		53	
		Filing Date	February	17, 2004	
FORM (to be used for all correspondence after initial)		First Named Inventor	Shinsuke	NAKANISHI, et al.	
(to be used for all correspondence after initia	l filing)	Art Unit	2862		
×9		Examiner Name			
Total Number of Pages in This Submission		Attorney Docket Number	5259-000	0039	
	ENCLOS	URES (check all that apply)			
Fee Transmittal Form	Drawing(s)	, —	Allowance Communication to ology Center (TC)	
Fee Attached	Licensing	g-related Papers		I Communication to Board of Is and Interferences	
Amendment / Reply				I Communication to TC Il Notice, Brief, Reply Brief)	
Aπer Final Provision		o Convert to a lat Application	Proprie	etary Information	
Affidavits/declaration(s)	Power of Change of	Attorney, Revocation of Correspondence Address	☐ Status	Letter	
Extension of Time Request	Terminal	al Disclaimer		Other Enclosure(s) (please identify below):	
Express Abandonment Request		Request for Refund		turn Postcard; Supplemental S Form 1449; Copies of 4 cited	
	CD, Num	CD, Number of CD(s)		eign references	
Information Disclosure Statement	Domeda	The Commission to the Commission of the Commissi	<u> </u>		
Certified Copy of Priority Document(s)	Remarks	fees that may be requ	ired under 37	orized to charge any additional 7 CFR 1.16 or 1.17 to Deposit copy of this sheet is enclosed.	
Response to Missing Parts/ Incomplete Application					
Response to Missing Parts under 37 CFR		•			
1.52 or 1.53					
SIGNAT	URE OF AP	PPLICANT, ATTORNEY, C			
Firm or Harness, Dickey & F Individual name	Pierce, P.L.C.	Attorney Name Gregory A. Stobbs		eg. No. 3,764	
Signature Rus	5106	62	· •		
Date September 7, 2004					
CE	RTIFICATE	OF TRANSMISSION/MA	ILING		
I hereby certify that this correspondence is Service with sufficient postage as first cl Alexandria, VA 22313-1450 on the date sho	ass mail in a	nile transmitted to the USPTO an envelope addressed to: C	or deposited commissioner	with the United States Postal for Patents, P.O. Box 1450,	
Typed or printed name Valeri L. Mangi	indin		Express Mail Label No.	EV 531 989 858 US (9/7/2004)	
Signature Usellar	V. II pong	ada	Date	September 7, 2004	

This collection of information is required by 37 CFR 1.5. The inducation is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/780,453

Filing Date:

February 17, 2004

Applicant:

Shinsuke NAKANISHI, et al.

Group Art Unit:

2862

Examiner:

Title:

CABLE LOCATION CONTINUOUSLY DETERMINING

APPARATUS, CABLE LOCATION CONTINUOUSLY DETERMINING METHOD, AND CABLE LOCATION

CONTINUOUSLY DETERMINING PROGRAM

Attorney Docket:

5259-000039

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. <u>LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION</u>

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

II. <u>COPIES</u>

A.____ Submitted herewith is a legible copy of (i) each U.S. patent application publication and U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; (iii) for each cross-referenced pending U.S. application listed below in Section IV, the application specification including the claims, and any drawing of the application which caused it to be listed including the claims directed to that portion; and (iv) all other information or that portion which caused it to be listed.

B. ____ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were

previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number	U.S. Filing Date
no copies of the U.S. patents or U.S. listed on the attached Form 1449 are	on was/is being filed after June 30, 2003, patent application publications which are enclosed pursuant to the waiver of 37 atent documents or non-patent literature aclosed herewith.
States. A copy of the International Sea information. The documents listed on on the attached Form-1449 for considerany patent resulting from this application from the US, EPO, or JPO search authorized been supplied to the USPTO	entry of the National Phase in the United arch Report is attached for the Examiner's the International Search Report are listed eration by the Examiner and for listing on in. If the International Search Report was orities, copies of these references should under the trilateral agreement and are entified application. (MPEP 1893.03(g))
CONCISE EXPLANATION OF THE RE	LEVANCE (check at least one box)
	elow in (B), all of the patents, publications lish language (concise explanation not
B A concise explanation of the other information listed that is not in the C.F.R. § 1.98(a)(3)):	relevance of each patent, publication or e English language is as follows (see 37
 See the attached foreign counterpart foreign applica English translations are properties. Other: 	
CThe following additional info	rmation is provided for the Examiner's
CROSS REFERENCE TO RELATED A	PPLICATION(S)
AThe Examiner is advised that contain(s) subject matter that may be	the following co-pending application(s) related to the present application. By

Serial No.

Filing Date

does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

bringing this(these) application(s) to the Examiner's attention, Applicant(s)

Art Unit

V. THIS IDS IS BEING FILED UNDER

III.

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A. X 37 C.F.R. § 1.97(b): (check only one box) 1. ____ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. § 1.97(b)(1)). No fee or certification is required. within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or certification is required. 3. X before the mailing of a first Office Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below; or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p). 4. ____ before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No fee or certification is required. _37 C.F.R. § 1.97(c): (check only one box) before the mailing date of either any Final Office Action under 37 C.F.R. § 1.113, a Notice of Allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution. ____No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p). See the certification below. No fee is required. C. ____37 C.F.R. § 1.97(d): after the mailing date of either a Final Office Action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, yet on or before payment of the issue fee. See the certification below. A fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p). <u>CERTIFICATION UNDER 37 C.F.R. § 1.97(e):</u> (check only one box) The undersigned hereby certifies that:

A. X each item of information contained in this IDS was first cited in a communication from a foreign patent office in a counterpart foreign application

VI.

not more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(1)). See further statement under 37 C.F. R. 1.704(d) below in section VII, if applicable; or __ no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS (See 37 C.F.R. § 1.97(e)(2)). _Some of the items of information were first cited in a communication from a foreign patent office. As to this information, the undersigned hereby certifies that each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this IDS. STATEMENT UNDER 37 CFR 1.704(d) The undersigned hereby states that: each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this IDS. PAYMENT OF FEES (check only one box) A. ____ A check in the amount of \$180.00 is enclosed for the above-identified fee. Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached. The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination. to a person of ordinary skill in the art. Furthermore, this Information Disclosure

Statement shall not be construed as a representation that a search has been made.

VII.

VIII.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: 37, 2004

Gregory W. Stobbs Reg. No. 28,764

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828 Bloomfield Hills, Michigan 48303 (248) 641-1600

FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND INFORMATION D

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.	SERIAL NO.
5259-000039	10/780,453
APPLICANT	
Shinsuke NAKANISHI, e	et al.
FILING DATE	GROUP
February 17, 2004	2862

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		4,134,061	01/09/1979	Gudgel		

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	,	2,370,582A	07/03/2002	GB			
2.	-	1,321,779A3	06/25/2003	EP			
3.		1,314,053A0	08/30/2001	EP			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)				
Ref. Desig.	Examiner's Initials			
1.		British Search Report for Application GB0403257.9 dated July 8, 2004		

Examiner:	 Date Considered:	